

OIPE

# Does Not Comply Corrected Diskette Needed

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/967,107A

DATE: 06/11/2002 TIME: 15:56:13

Input Set : A:\EP.txt

Output Set: N:\CRF3\06112002\I967107A.raw

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3 <110> APPLICANT: Pfizer Inc.
     4 Thompson, John F.
     6 <120> TITLE OF INVENTION: Assay for the Determination of Funtional Binding of
Compounds to
     7 Receptors
     9 <130> FILE REFERENCE: PC10217AJAK
    11 <140> CURRENT APPLICATION NUMBER: 09/967,107A
    12 <141> CURRENT FILING DATE: 2001-09-28
    14 <150> PRIOR APPLICATION NUMBER: 60/237,544
    15 <151> PRIOR FILING DATE: 2000-09-30
    17 <160> NUMBER OF SEQ ID NOS: 8
    19 <170> SOFTWARE: PatentIn version 3.1
    21 <210> SEQ ID NO: 1
    22 <211> LENGTH: 29
    23 <212> TYPE: DNA
W--> 26 <223> OTHER INFORMATION:
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    31 <211> LENGTH: 28
    32 <212> TYPE: DNA
C--> 33 <213> ORGANISM: Artificial
W--> 35 <220> FEATURE:
W--> 35 <223> OTHER INFORMATION:
    35 <400> SEQUENCE: 2
                                                                       28
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    39 <210> SEQ ID NO: 3
    40 <211> LENGTH: 29
    41 <212> TYPE: DNA
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W--> 44 <220> FEATURE:
W--> 44 <223> OTHER INFORMATION:
    44 <400> SEQUENCE: 3
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    48 <210> SEQ ID NO: 4
    49 <211> LENGTH: 37
    50 <212> TYPE: DNA
C--> 51 <213> ORGANISM: Artificial
W--> 53 <220> FEATURE:
W--> 53 <223> OTHER INFORMATION:
    53 <400> SEQUENCE: 4
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    54 tcgatcgaat tcccatggct ccagttgatc ttaaatc
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     59 <212> TYPE: DNA
C--> 60 <213> ORGANISM: Artificial
W--> 62 <220> FEATURE:
W--> 62 <223> OTHER INFORMATION:
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     68 <212> TYPE: DNA
C--> 69 <213> ORGANISM: Artificial
W--> 71 <220> FEATURE:
W--> 71 <223> OTHER INFORMATION:
     71 <400> SEOUENCE: 6
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     76 <211> LENGTH: 399
     77 <212> TYPE: DNA
    78 <213> ORGANISM: Homo sapiens
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     81 cacaaactag tgcagctttt gacaacaact gccgaacagc agttacggca tgctgatata
     83 gacacaaget gcaaagatgt cetgtettge acaggeactt ceaactetge etetgetaac
                                                                              120
     85 tetteaggag gttettgtee etetteteat ageteattga cagaacggea taaaatteta
                                                                              180
     87 caccggctct tacaggaggg tagcccctca gatatcacca ctttgtctgt cgagcctgat
                                                                              240
                                                                              300
     89 aaaaaggaca gtgcatctac ttctgtgtca gtgactggac aggtacaagg aaactccagt
                                                                              360
     91 ataaaactag aactggatgc ttcaaagaaa aaagaatcaa aagaccatca gctcctacgc
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     97 <211> LENGTH: 1814
     98 <212> TYPE: DNA
     99 <213> ORGANISM: Photinus pyralis
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     104 gaaccqctqq agagcaactq cataaggcta tgaagagata cgccctggtt cctggaacaa
                                                                               120
     106 ttgcttttac agatgcacat atcgaggtga acatcacgta cgcggaatac ttcgaaatgt
    108 ccgttcggtt ggcagaagct atgaaacgat atgggctgaa tacaaatcac agaatcgtcg
                                                                               240
    110 tatqcaqtqa aaactctctt caattcttta tgccggtgtt gggcgcgtta tttatcggag
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    112 ttgcaqttqc qcccqcqaac qacatttata atgaacqtga attgctcaac agtatgaaca
                                                                               360
    114 tttcgcagcc taccgtagtg tttgtttcca aaaaggggtt gcaaaaaatt ttgaacgtgc
                                                                               420
    116 aaaaaaaatt accaataatc cagaaaatta ttatcatgga ttctaaaacg gattaccagg
                                                                               480
    118 gatttcagtc gatgtacacg ttcgtcacat ctcatctacc tcccggtttt aatgaatacg
                                                                               540
    120 attttgtacc agagteettt gategtgaca aaacaattge actgataatg tatacetetg
                                                                               600
    122 gatecactgg gttacctaag ggtgtggccc ttccgcatag aactgcctgc gtcagattct
                                                                               660
                                                                               720
    124 cgcatgccag agatcctatt tttggcaatc aaatcattcc ggatactgcg attttaagtg
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    126 ttgttccatt ccatcacggt tttggaatgt ttactacact cggatatttg atatgtggat
    128 ttcgagtcgt cttaatgtat agatttgaag aagagctgtt tttacgatcc cttcaggatt
                                                                               840
                                                                               900
    130 acaaaattca aagtgcgttg ctagtaccaa ccctattttc attcttcgcc aaaagcactc
                                                                               960
    132 tgattgacaa atacgattta tctaatttac acgaaattgc ttctgggggc gcacctcttt
```

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134	cgaaagaagt	cggggaagcg	gttgcaaaac	gcttccatct	tccagggata	cgacaaggat	1020
136	atgggctcac	tgagactaca	tcagctattc	tgattacacc	cgagggggat	gataaaccgg	1080
138	gcgcggtcgg	taaagttgtt	ccattttttg	aagcgaaggt	tgtggatctg	gataccggga	1140
140	aaacgctggg	cgttaatcag	agaggcgaat	tatgtgtcag	aggacctatg	attatgtccg	1200
142	gttatgtaaa	caatccggaa	gcgaccaacg	ccttgattga	caaggatgga	tggctacatt	1260
144	ctggagacat	agcttactgg	gacgaagacg	aacacttctt	catagttgac	cgcttgaagt	1320
146	ctttaattaa	atacaaagga	tatcaggtgg	cccccgctga	attggaatcg	atattgttac	1380
148	aacaccccaa	catcttcgac	gcgggcgtgg	caggtcttcc	cgacgatgac	gccggtgaac	1440
150	ttcccgccgc	cgttgttgtt	ttggagcacg	gaaagacgat	gacggaaaaa	gagatcgtgg	1500
152	attacgtcgc	cagtcaagta	acaaccgcga	aaaagttgct	cggaggagtt	gtgtttgtgg	1560
154	acgaagtacc	gaaaggtctt	accggaaaac	tcgacgcaag	aaaaatcaga	gagatcctca	1620
156	taaaggccaa	gaagggcgga	aagtccaaat	tgtaaaatgt	aactagtatt	cagcgatgac	1680
158	gaaattctta	gctattgtaa	tattatatgc	aaattgatga	atggtaattt	tgtaattgtg	1740
160	ggtcactgta	ctattttaac	gaataataaa	atcaggtata	ggtaactaaa	aagaattcga	1800
162	gctcggtacc	cggg					1814

RAW SEQUENCE LISTING ERROR SUMMARY DATE PATENT APPLICATION: US/09/967,107A TIM

DATE: 06/11/2002 TIME: 15:56:14

Input Set : A:\EP.txt

Output Set: N:\CRF3\06112002\1967107A.raw

#### Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6

## Use of <220> Feature(NEW RULES):

Sequence(s)\_are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104,pp.29631-32) (Sec.1.823 of new Rules)

Seq#:1,2,3,4,5,6

### **VERIFICATION SUMMARY**

DATE: 06/11/2002 TIME: 15:56:14

PATENT APPLICATION: US/09/967,107A

Input Set : A:\EP.txt

Output Set: N:\CRF3\06112002\1967107A.raw

- L:24 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
- L:26 M:258 W: Mandatory Feature missing, <220> FEATURE:
- L:26 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
- L:33 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
- L:35 M:258 W: Mandatory Feature missing, <220> FEATURE:
- $L:35 \ M:258 \ W:$  Mandatory Feature missing, <223> OTHER INFORMATION:
- L:42 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
- L:44 M:258 W: Mandatory Feature missing, <220> FEATURE:
- L:44 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
- L:51 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
- L:53 M:258 W: Mandatory Feature missing, <220> FEATURE:
- L:53 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
- L:60 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
- L:62 M:258 W: Mandatory Feature missing, <220> FEATURE:
- L:62 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
- L:69 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
- L:71 M:258 W: Mandatory Feature missing, <220> FEATURE:
- L:71 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:



05.90

# RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	09 967, 107A
Source:	0.198
Date Processed by STIC:	6/11/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
- 3. Hand Carry directly to:
  - U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
  - U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
- 4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002